

Title (en)
Process for obtaining a syrup with a high maltitol content

Title (de)
Verfahren zur Herstellung eines Sirups mit hohem Maltitolgehalt

Title (fr)
Procédé d'obtention d'un sirop à haute teneur en maltitol

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Application
EP 07823493 A 20070910

Priority
• FR 2007001457 W 20070910
• FR 0607885 A 20060908

Abstract (en)
[origin: WO2008029033A1] The present invention relates to a method for obtaining a syrup with a high maltitol content and to the syrup obtained by carrying out said method. The method is characterized in that it comprises the steps consisting in: a) performing a liquefaction of a starch milk with an α -amylase in order to obtain a liquefied starch having a DE between 5 and 10 (limits inclusive); b) performing a single step of saccharification of the liquefied starch milk obtained in step a) in the simultaneous presence of at least one β -amylase and of at least one debranching enzyme chosen from the group formed by pullulanases and/or isoamylases, until a glucose content of the hydrolysate of less than 10% by weight and a maltose content of the hydrolysate of greater than 80% by weight are obtained; c) performing, after optional filtration, demineralization and/or concentration of the liquid syrup as obtained in step b), a catalytic hydrogenation so as to obtain a syrup rich in maltitol. The invention is more particularly applicable in the field of the agrofoods industry.

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